

8-20.2(9-29.15).docx

Flashing Beacon Control

Section 9-29.15 is supplemented with the following:

8-20.2(9-29.15).OPT1.docx

(*****)

Rapid Flashing Beacons

Rapid Flashing Beacon (RFB) systems shall be capable of providing, at a minimum, all of the following two-channel flashing patterns:

1. NEMA Standard 50-50:

- Channel one is ON and channel two is OFF for 0.5 seconds.
 - Channel one is OFF and channel two is ON for 0.5 seconds.
- (Cycle repeats; the total flashing pattern cycle length is 1.00 second.)

2. WSDOT Interim Pattern:

- Channel one is ON and channel two is OFF for 0.25 seconds.
 - Channel one is OFF and channel two is ON for 0.25 seconds.
 - Channel one is ON and channel two is OFF for 0.25 seconds.
 - Channel one is OFF and channel two is ON for 0.25 seconds.
 - Channel one is ON and channel two is OFF for 1.00 seconds.
 - Channel one is OFF and channel two is ON for 1.00 seconds.
- (Cycle repeats; the total flashing pattern cycle length is 3.00 seconds.)

3. RFB "WW+S" Pattern:

- Channel one is ON and channel two is OFF for 0.05 seconds.
 - Both channels are OFF for 0.05 seconds.
 - Channel one is OFF and channel two is ON for 0.05 seconds.
 - Both channels are OFF for 0.05 seconds.
 - Channel one is ON and channel two is OFF for 0.05 seconds.
 - Both channels are OFF for 0.05 seconds.
 - Channel one is OFF and channel two is ON for 0.05 seconds.
 - Both channels are OFF for 0.05 seconds.
 - Both channels are ON for 0.05 seconds.
 - Both channels are OFF for 0.05 seconds.
 - Both channels are ON for 0.05 seconds.
 - Both channels are OFF for 0.25 seconds.
- (Cycle repeats; the total flashing pattern cycle length is 0.80 seconds.)

The flashing pattern shall be user-selectable in the field.